

FIG. 1

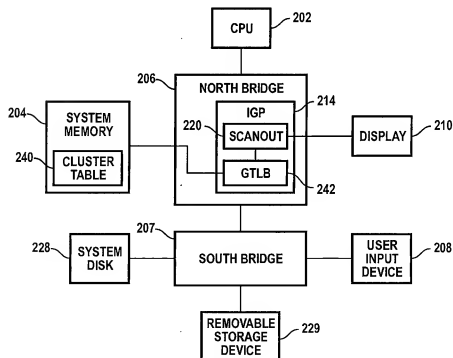


FIG. 2

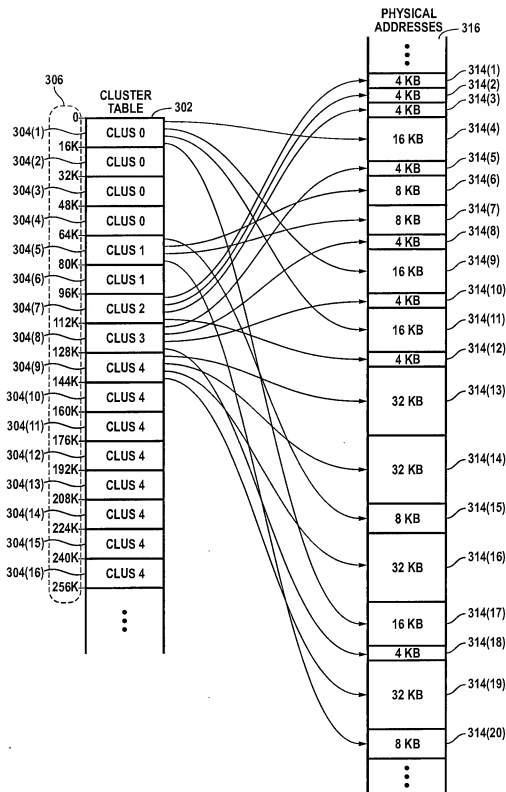


FIG. 3

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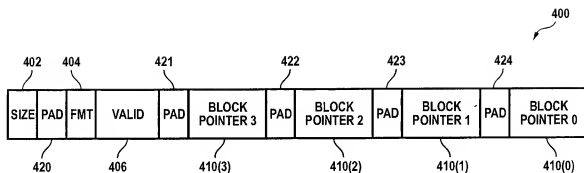


FIG. 4A

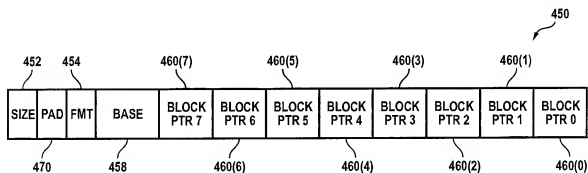


FIG. 4B

+

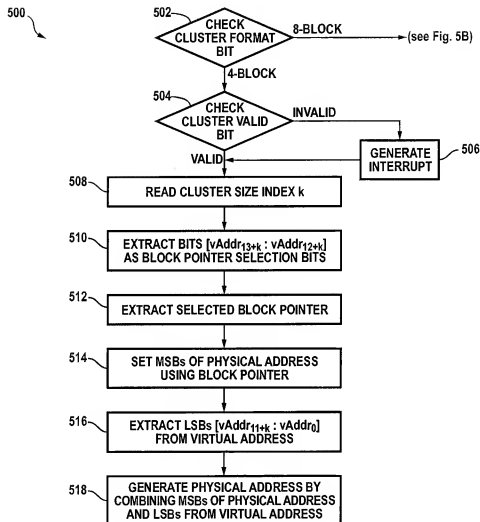


FIG. 5A

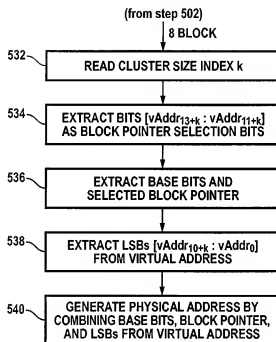


FIG. 5B

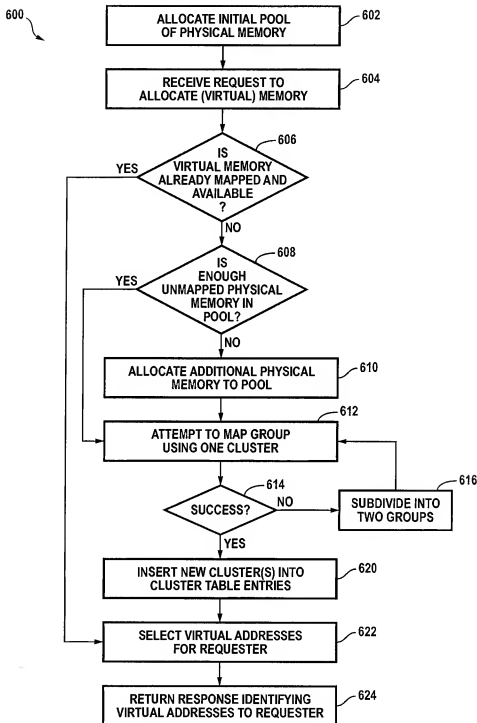


FIG. 6

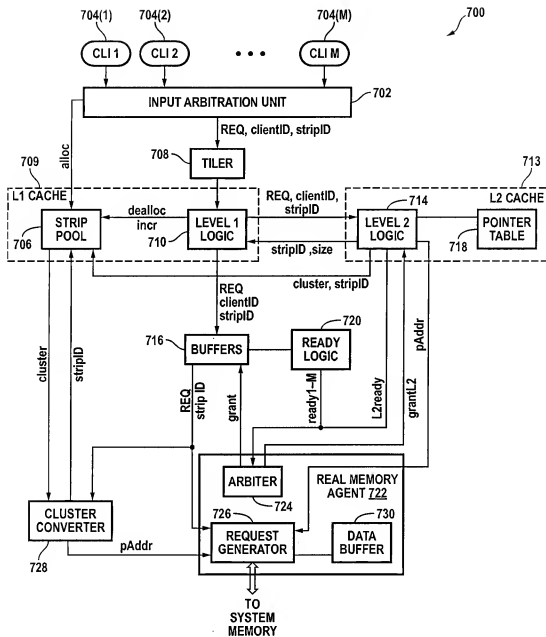


FIG. 7

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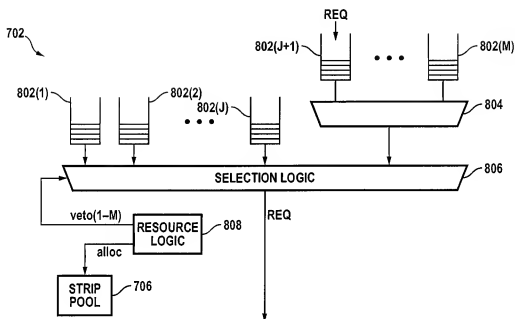


FIG. 8

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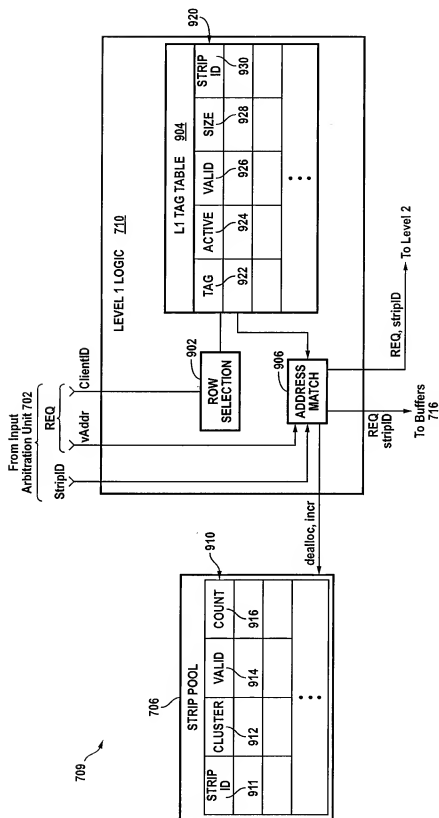


FIG. 9

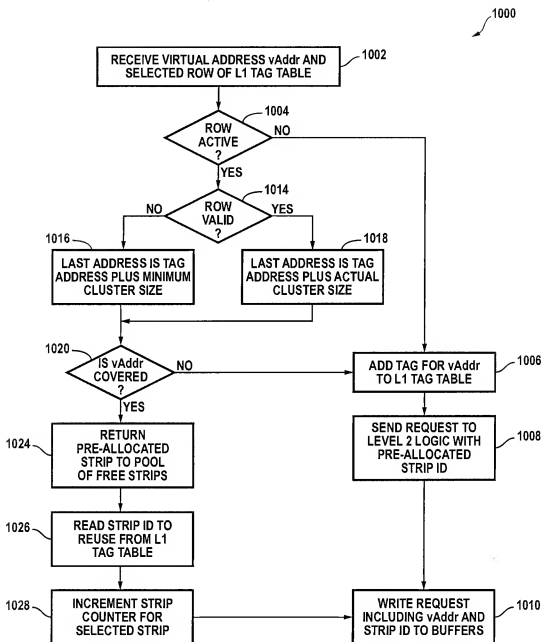


FIG. 10

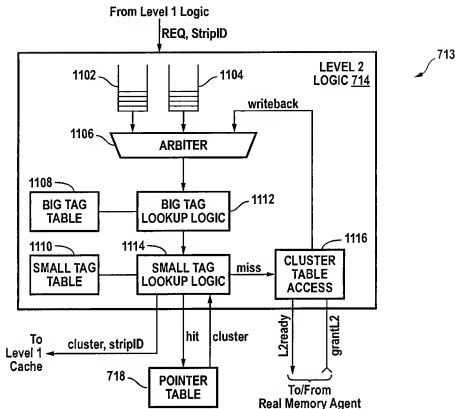


FIG. 11

| | | COLUMNS (c) | | | | | | | |
|----------|-----|-------------|---------|---------|---------|---------|---------|---------|---------|
| | | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| ROWS (r) | 0 | LRU | TAG 7 | TAG 6 | TAG 5 | TAG 4 | TAG 3 | TAG 2 | TAG 1 |
| | 1 | 1220 | 1210(7) | 1210(6) | 1210(5) | 1210(4) | 1210(3) | 1210(2) | 1210(1) |
| | 2 | | | | | | | | |
| | ... | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

FIG. 12

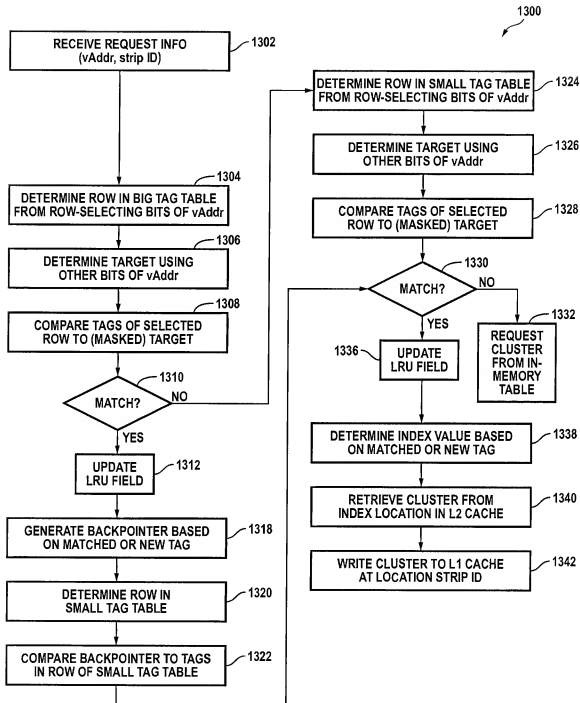


FIG. 13

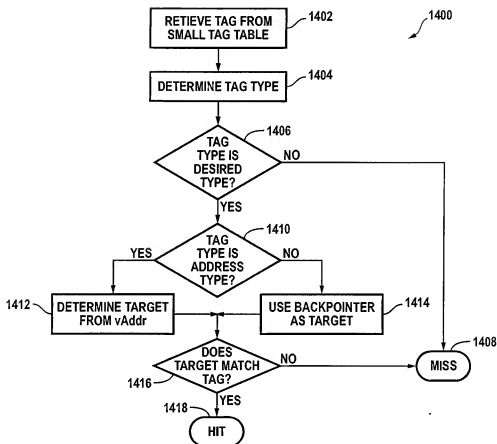
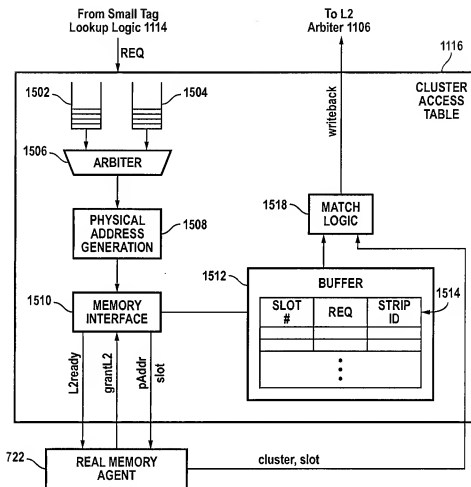


FIG. 14



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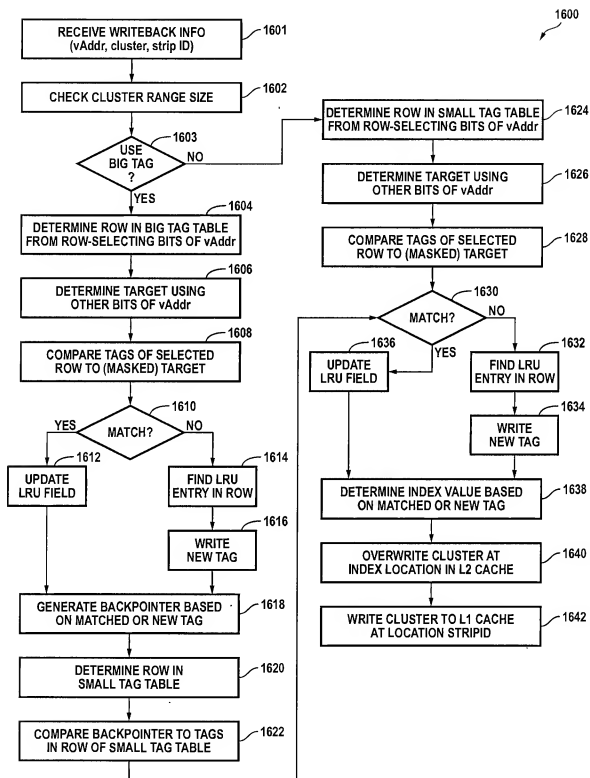


FIG. 16

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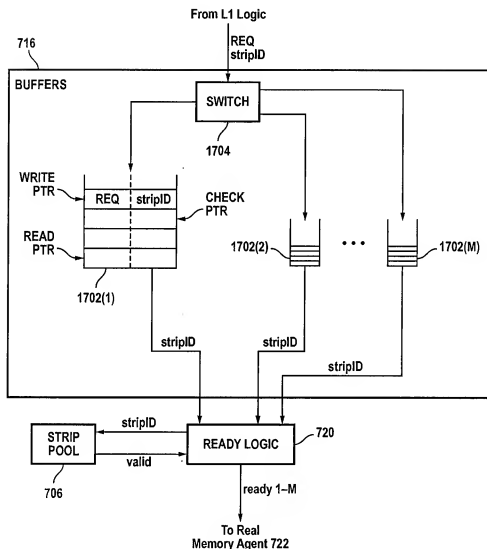


FIG. 17

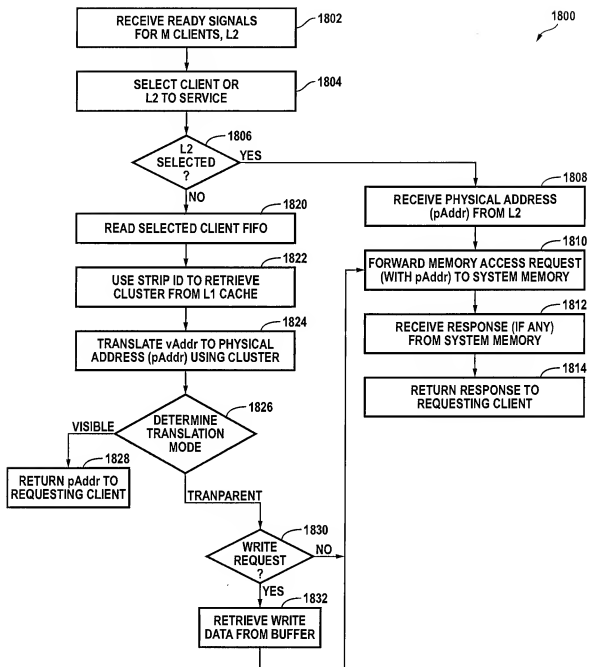


FIG. 18

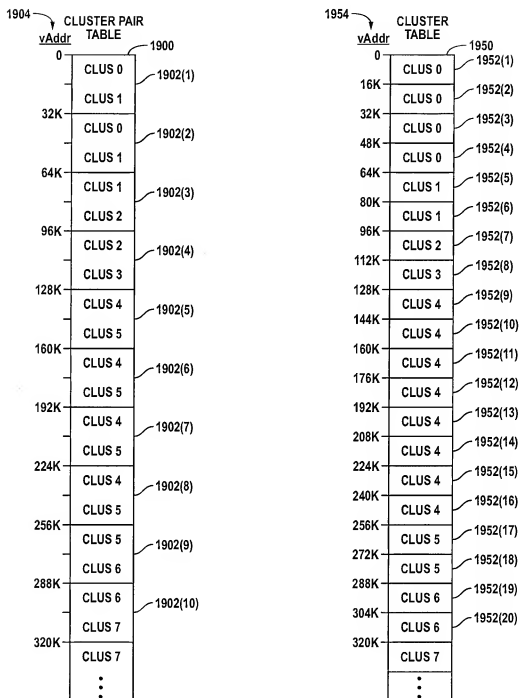


FIG. 19

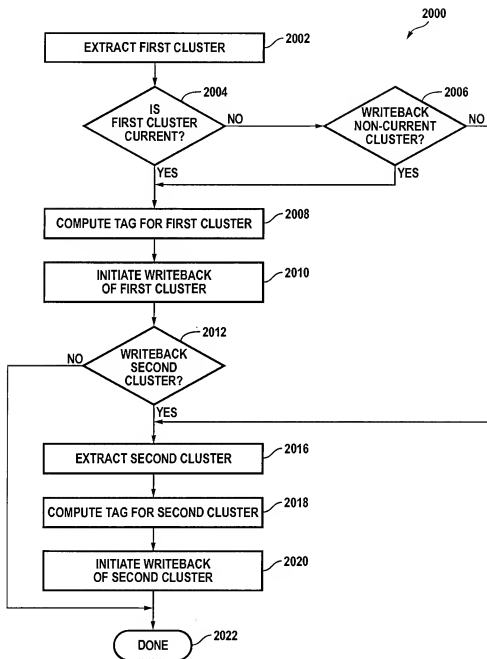


FIG. 20

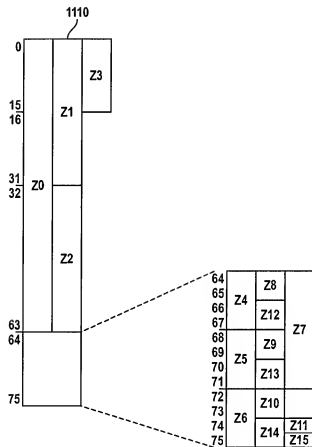


FIG. 21

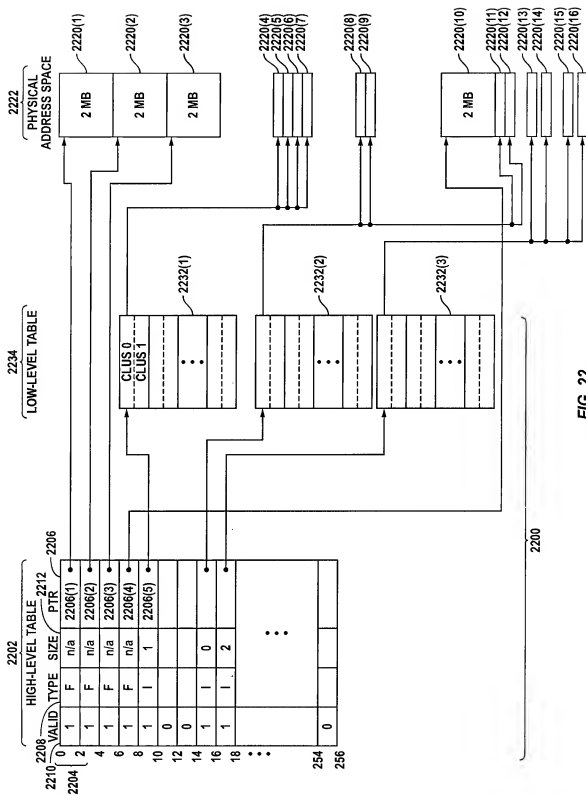


FIG. 22

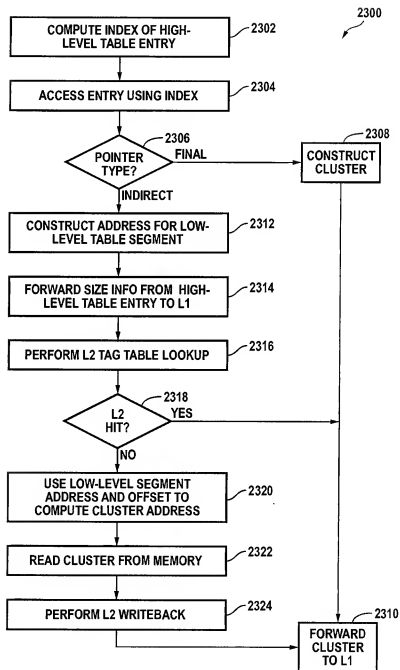


FIG. 23

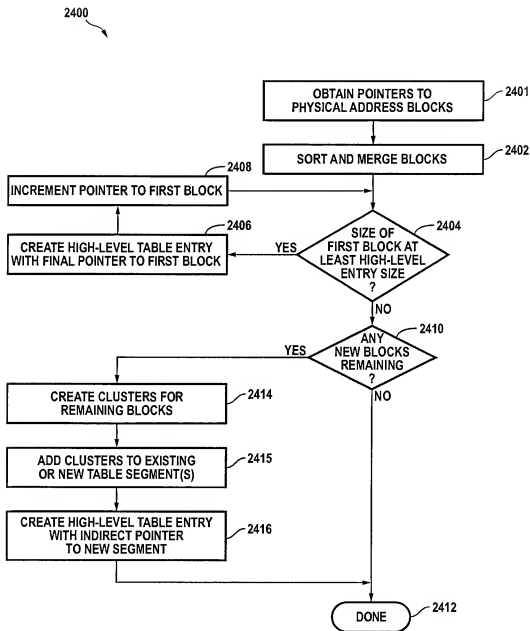


FIG. 24